

What is claimed is:

1. An internal combustion engine with a flat plate that is disposed, adjacent a combustion chamber, between a cylinder head and a cylinder, said plate having at least two ports for at least two components selected from the group intake valve, exhaust valve and injector device, and being disposed adjacent a flat cylinder head bottom, wherein at least one relief slot is formed in the plate at least between two ports.
2. The internal combustion engine according to claim 1, wherein the relief slot is disposed radially relative to the two ports.
3. The internal combustion engine according to claim 1, wherein the relief slot is disposed between a port of an injector device and the port for a component selected from the group intake valve and exhaust valve.
4. The internal combustion engine according to claim 3, wherein one relief slot at least is provided respectively between at least two ports for intake and/or exhaust valves, which are opposed diametrically about the port of the injector device, and the port for the injector device.
5. The internal combustion engine according to claim 3, wherein at least one relief slot is formed in the plate between a respective one of the ports of the intake valves and/or exhaust valves and the port of the injector device.
6. The internal combustion engine according to claim 1, said internal combustion engine having a male swivel nut for securing the injector device to the cylinder head that is disposed in the port of the injector device, wherein the plate is at least partially released relative to the male swivel nut.
7. The internal combustion engine according to claim 6, wherein the male swivel nut has an annular release groove for the plate.